



Beaufort Delta Region
Bag Service #1
Inuvik, NT X0E 0T0

Telephone: 867 777-8900
Fax: 867-777-2090

August 8, 2014

Inuvialuit Water Board
P.O. Box 2531
Inuvik, NT X0E 0T0

Attn: Freda Wilson, Office and Finance Administrator

**RE: INDUSTRIAL Water Use N7L1-1831
CLASS B – INDUSTRIAL
Unipkat I22**

To: Ms. Wilson,

Please find the enclosed Inspection Report for your review and records.

An electronic copy (un-editable Adobe pdf.) has also been provided by e-mail.

If you have any questions or concerns regarding the enclosed, and/or if additional information is required please contact me at (867) 777-8900.

Regards,

ORIGINAL SIGNED

Donald Arey
Manager Resource Management
Department of Lands
Beaufort Delta Region-Inuvik

Cc:

Conrad Baetz, Superintendent, Dept. of Lands, Beaufort Delta Region
Stephen Charlie, Superintendent, Dept. of Environment and Natural Resources



Beaufort Delta Region
Bag Service #1
Inuvik, NT X0E 0T0

Telephone: 867 777-8900
Fax: 867-777-2090

August 8, 2014

Shell Canada Ltd.
400 - 4th Avenue S.W.
P.O. Box 100, Station M
Calgary, AB T2P 2H5

Attn: Randall Warren

**RE: INDUSTRIAL Water Use N7L1-1831
CLASS B - INDUSTRIAL
Arvoknar Channel**

To: Randall Warren,

An inspection of the above noted operation was conducted on July 31, 2014 by Manager Resource Management Donald Arey.

Enclosed is a copy of the Industrial Water Use Inspection Report.

If you have any questions, please contact me at 867 777-8900.

Regards,

ORIGINAL SIGNED

Donald Arey
Manager Resource Management
Department of Lands
Beaufort Delta Region-Inuvik

Cc:
Conrad Baetz, Superintendent, Dept. of Lands, Beaufort Delta Region
Stephen Charlie, Superintendent, Dept. of Environment and Natural Resources



INDUSTRIAL WATER USE INSPECTION REPORT

| | | | |
|---------------------|-------------------|-----------------------------|--------------------|
| LICENCE #: | N7L1-1831 | EXPIRY DATE: | September 30, 2013 |
| LICENCEE: | Shell Canada Ltd. | PREVIOUS INSPECTION: | July 31, 2013 |
| COMPANY REP: | Randall Warren | INSPECTION DATE: | July 31, 2014 |

WATER SUPPLY

| | | | |
|-----------------|------------------|----------------|-----|
| Source: | Arvoknar Channel | Quantity Used: | N/A |
| Owner/Operator: | Shell Canada LTD | Meter Reading: | N/A |

Indicate: **A - Acceptable** **U - Unacceptable** **N/A - Not Applicable** **N/I - Not Inspected**

| | | | | | | | |
|-------------------|-----|--------------------|-----|-------------------|-----|---------------|-----|
| Intake Facilities | N/A | Storage Structures | N/A | Treatment Systems | N/A | Recycling | N/A |
| Flow Meas. Device | N/A | Conveyance Lines | N/A | Pumping Stations | N/A | Chem. Storage | N/A |
| | | | | | | Modifications | N/A |

Water Supply Comments:

N/A

WASTE DISPOSAL – WELL WASTE

| | | | | | | | | | |
|------------------|------------------|---------------|---|--------------------|---|---------------------|---|-------|-----|
| Disposal Method | Off-site Removal | | | | | | | | |
| Off-Site Removal | Y | Drilling Sump | N | Downhole Injection | N | Treat and Landsread | N | Other | N/A |

Indicate: **A - Acceptable** **U - Unacceptable** **N/A - Not Applicable** **N/I - Not Inspected**

| | | | | | |
|-----------------------|-----|----------------|-----|-----------|-----|
| Sump Liners | N/A | Sump Treatment | N/A | Freeboard | N/A |
| Erosion | U | Construction | N/A | | |
| SNP Samples Collected | N/A | | | | |

Well Waste Comments:

It is evident that further erosion has occurred, Figure 1 shows July 2013 photo, Figure 2 shows July 31 2014 photo of the same area, as you may notice the piling are very visible. Please refer to the General conditions comments section of this report.

WASTE DISPOSAL – SOLID WASTE

| | | | | | | | |
|------------------|------------------|----------|-----|-----------------|---|-------------|---|
| Disposal Method | Inuvik Landfill | | | | | | |
| Open Dump | N | Landfill | N | Burn & Landfill | N | Underground | N |
| Offsite Removal | Y | Other | N/A | | | | |
| Owner / Operator | Shell Canada LTD | | | | | | |

Indicate: **A - Acceptable** **U - Unacceptable** **N/A - Not Applicable** **N/I - Not Inspected**



INDUSTRIAL WATER USE INSPECTION REPORT

| | | | |
|------------------|-----|-----------------------|-----|
| Runoff Diversion | N/A | SNP Samples Collected | N/A |
|------------------|-----|-----------------------|-----|

Solid Waste Comments:

By the shoreline a number of pilings are visible and laying on shore partial metal piping around them.

GENERAL CONDITIONS/REPORTS/PLANS

Indicate: **A - Acceptable** **U - Unacceptable** **N/A - Not Applicable** **N/I - Not Inspected**

| | | | | | |
|-------------------------|-----|---------------------|-----|------------------|-----|
| C &R Plan | N/A | Records & Reporting | N/I | Final Report | N/I |
| Geotechnical Inspection | N/A | Posting, Signage | | Contingency Plan | A |
| Restorations Activities | U | Spills | A | O&M Plan | N/A |
| Maintenance | U | Modifications | N/A | Annual Report | N/I |

General Condition Comments:

Good vegetation growth on the cap, however there are still a couple of large cracks on the backfilled areas. These cracks were mentioned in last years water license inspection as a concern as they could lead to further erosion, further a plan of action was requested in regards to preventing future erosions from occuring and reaching the bentonite blanket and the contaminated soil that remains on site.

Inspector's Signature:

ORIGINAL SIGNED

INDUSTRIAL WATER USE INSPECTION REPORT

Inspection Images:

Figure 1

July 2013



Figure 2

July 2014



Figure 3
very visible cracking



Figure 4
cut pipe on pilings

